

IN THE CLAIMS:

Please cancel claims 2 and 14 and amend claims 1, 6, and 7 as noted below:

1. (Currently Amended) The method of indicating the quality of a received signal at a mobile phone, the received signal sent to the mobile phone by a remote transmitter, said method comprising the steps of:

detecting reception of the received a signal from the remote transmitter at the mobile phone,

inspecting said received signal by comparing said received signal with a predetermined threshold for determining its quality, at least in terms of a percentage of acceptable,

providing an output correlated to the results of said inspecting step such that when said received signal has met said predetermined threshold with which said received signal is compared during said operation of comparing, the output is of a first type and, otherwise, the output is of a second type, the second type different than the first type, and the output indicative of the quality of the received signal in terms of the percentage of acceptable, and

providing a user discernible indication in response to said output provided during said operation of providing the output, the user discernible indication indicative of the quality of the received signal in terms of the percentage of acceptable.

2. (Canceled)

3. (Original) The method in accordance with claim 2 for use in conjunction with a digital transmission and receiving system wherein said inspecting step includes the step of determining the BER of said received signal over a sampling period.

4. (Original) The method in accordance with claim 3 which includes the step of ensuring that said received signal has failed to meet said threshold value for a predetermined time-out period before generating the said output indicative of such a failure.

5. (Previously Amended) The method in accordance with claim 1 wherein said providing the user discernible indication step includes the step of establishing a visual indicator for said user discernible indication.

6. (Currently Amended) The method of indicating the quality of a received signal at a mobile phone, the received signal sent to the mobile phone by a remote transmitter, said method comprising the steps of

detecting reception of the received signal from the remote transmitter at the mobile phone,

separating control signals from voice signals,

E 1
inspecting said received voice signal for determining its quality is at least either above or below a predetermined threshold by comparing said received voice signal with the predetermined threshold, the predetermined threshold forming a boundary condition, and the voice signal, when of a quality less than the predetermined threshold, indicated in terms of a percentage of acceptable and, when of a quality more than the predetermined threshold also indicated in terms of a percentage of acceptable,

providing an output correlated to the results of said inspecting step, and

providing a user discernible indication in response to said output that indicates the quality of the received voice signal in terms of the percentage of acceptable.

7. (Previously Amended) The method in accordance with claim 6 wherein said inspecting step includes the step of quantifying the amount, in terms of the percentage of acceptable, by which said voice signal fails to meet said predetermined threshold, and

said user discernible indication step includes the step of correlating the amount of said user discernible indication to the result of said quantifying step.

8. (Original) The method in accordance with claim 6 wherein said user discernible providing step includes the step of causing a visible display to pulsate.

9. (Previously Amended) The method of claim 8 wherein the amount of said display pulsation is correlated to the amount, in terms of the percentage of acceptable, said received voice signal departs from said predetermined threshold level.

10. (Original) The method in accordance with claim 6 wherein said user discernible providing step includes the step of causing a user discernible audio signal indicating the voice signal quality.

51 11. (Previously Amended) The method in accordance with claim 10 which includes the step of correlating the magnitude of said voice signal to the amount of departure of said voice signal from said predetermined threshold.

12. (Original) The method in accordance with claim 6 which includes the step of ensuring that the results of said inspecting step have remained over a preselected time-out period before generating the said user discernible indication.

13. (Currently Amended) Apparatus for indicating the quality of a received signal at a mobile phone, said apparatus comprising:

a signal receiving antenna on the mobile phone for receiving signals transmitted from a remote location,

a signal quality determining arrangement in said mobile phone coupled for inspecting said received signal in terms of a percentage of acceptable, said signal quality determining arrangement having a comparator for comparing said received signal with a predetermined threshold, said comparator for generating a first output signal whenever said received signal has met said threshold and for otherwise generating a second output different from said first output, the second output indicative of the quality of the received signal in terms of the percentage of the acceptable and providing an output signal indicative thereof, and

a user discernible indication generator operable in response to said output signal, said user discernable indication generator for generating an indication indicative of the quality of the received signal in terms of the percentage of acceptable.

E/ 14. (Canceled)

15. (Previously Amended) The apparatus in accordance with claim 14 for use in conjunction with a digital transmission and receiving system which includes a BER measuring device operable during a selected sampling period.

16. (Cancelled)
